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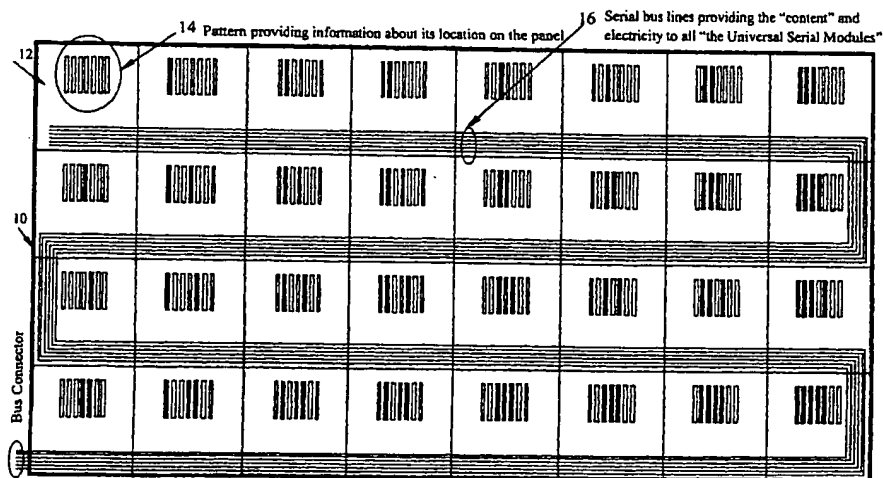
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(54) Title: ACTIVE MATRIX FOR FLAT PANEL DISPLAY



(57) Abstract: An Active-Matrix panel for flat panel display, comprising an assembly of universal module units (12) mounted on a common mechanical substrate (10), each module unit being adapted to form a grid of pixels. Module identification means (14) identify the location of each universal module units in the assembly. A serial bus (16) including a number of conducting lines provides data signals and power to the universal module units (12) and contact means are arranged to selectively couple the serial bus to the universal module units for selectively applying data signals and power to each module to selectively activate pixels therein. The pixels are advantageously subdivided into a plurality of sub-pixels (13), whereby a great number of different gray levels or color tones can be produced when bias is selectively applied thereto.

WO 00/77565 A1